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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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10/589,873

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Tomas Nylander

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06/22/2010

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EXAMINER

DOAN, PHUOC HUU

ART UNIT

PAPER NUMBER

2617

MAIL DATE

DELIVERY MODE

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PAPER

**Please find below and/or attached an Office communication concerning this application or proceeding.**

The time period for reply, if any, is set in the attached communication.

<b>Office Action Summary</b>	<b>Application No.</b> 10/589,873	<b>Applicant(s)</b> NYLANDER ET AL.	
	<b>Examiner</b> PHUOC DOAN	<b>Art Unit</b> 2617	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

#### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

#### Status

- 1) ☐ Responsive to communication(s) filed on \_\_\_\_.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

#### Disposition of Claims

- 4) ☒ Claim(s) 1,5-13,16 and 17 is/are pending in the application.  
4a) Of the above claim(s) \_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1,5-13,16 and 17 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_ are subject to restriction and/or election requirement.

#### Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

#### Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).  
a) ☐ All b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

#### Attachment(s)

- |   |   |
|---|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)   | 4) <input type="checkbox"/> Interview Summary (PTO-413)<br>Paper No(s)/Mail Date. ____. |
| 2) <input type="checkbox"/> Notice of Draftperson's Patent Drawing Review (PTO-948)                                   | 5) <input type="checkbox"/> Notice of Informal Patent Application                       |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)<br>Paper No(s)/Mail Date ____. | 6) <input type="checkbox"/> Other: ____.  |

## DETAILED ACTION

### *Claim Rejections - 35 USC § 102*

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

Claims 1, 5-13, 16-17 are rejected under 35 U.S.C. 102(e) as being anticipated by Gallagher (US Pub No. 2006/0019656).

As to claim 1, Gallagher discloses a mobile telecommunications network including a plurality of base station systems adapted to communicate with a mobile terminal over a predetermined licensed radio interface and switching centers connected to a plurality of said base station systems (Fig. 1; par [0048] “mobile terminal 102 communicated over licensed radio and MSC 116 over a base station controller BSC 112”), wherein each switching center and the base station systems connected thereto share a location area identity (par [0078] “where one or more locations areas identifiers LAI are provided by MSC”), said base station

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systems being adapted to communicate information indicative of said location area identity to a mobile terminal said network further includes at least two unlicensed-radio access networks (par [0050], each comprising an access point controller connected to one of said switching centers (par [0048-0049]), multiple access points adapted to communicate with said mobile terminal via an unlicensed-radio interface (see par [0048-0050]), a fixed broadband network connecting said plurality of access points (301) with said access network controllers and a lookup table mapping a location area identity with address information for an access point controller on said fixed broadband network (par [0058, 0078-0079] “network are provided unlicensed radio access to a fixed broadband network based on table mapping by locations areas identifier LAI”), and wherein each said access point is arranged to connect a mobile terminal with a default access network controller (par [0058-0059] “access point is indoor based station 128 and indoor network controller 132 connected to the broadband network”), said default access network controller being adapted to receive a request from said mobile terminal containing information indicate of a last location area received by said mobile terminal (par [0080-0083] “location areas identifier LAI provided to update status information of a last location area”), to submit a request to said lookup table containing said location area information, to

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receive address information from said lookup table for an access network controller mapped to said location area in response to said request (par [0114] “address information based on the IP address where the lookup table contain the information and control by access network controller”), and to transmit said address information to said mobile terminal via said access point said address information enabling said mobile terminal to establish a connection with said addressed access network controller via said access point and said broadband network (see par [0080-0083, 0114]).

As to claim 5, Gallagher further discloses wherein said mobile terminal is adapted to store at least part of said lookup table (par [0079-0080] “lookup table based on a LAI where to provide a location area identifier”).

As to claim 6, Gallagher further discloses in par [0058, 0059], [0080]).

As to claim 7, Gallagher further discloses wherein said broadband network is an internet protocol based network and said address in an internet (par [0114]).

As to claim 8, claim is rejected for the same reasons as set for in claim 1.

As to claim 9, Gallagher further discloses system as claimed in claim 8, wherein said lookup table is comprised in a database server located on said fixed broadband network (par [0080,0098]).

As to claim 10, Gallagher further discloses wherein said access points are arranged to store at least part of the data in said lookup table (par [0089]).

As to claim 11, Gallagher further discloses said fixed broadband network is an internet protocol based network and said address is an internet protocol address (par [0114]).

As to claim 12, Gallagher further discloses wherein each access point is connected for communication with a default access point controller (par [0059-0060]), wherein the access points are adapted to connect to a different access point controller if the information indicative of a location area does not correspond to the fixed broadband network address of said default access point controller (par [0074-0076] "relay or interface are provided between default access network and license network").

As to claim 13, claim is rejected for the same reasons as set for in claim 1.

As to claim 16, claim is rejected for the same reasons as set for in claim 1.

As to claim 17, claim is rejected for the same reasons as set for in claim 1.

***Conclusion***

2. Any inquiry concerning this communication or earlier communications from the examiner should be directed to PHUOC DOAN whose telephone number is (571)272-7920. The examiner can normally be reached on 10:00AM to 6:00PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, LESTER KINCAID can be reached on 571-272-7922. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/PHUOC DOAN/  
Examiner, Art Unit 2617